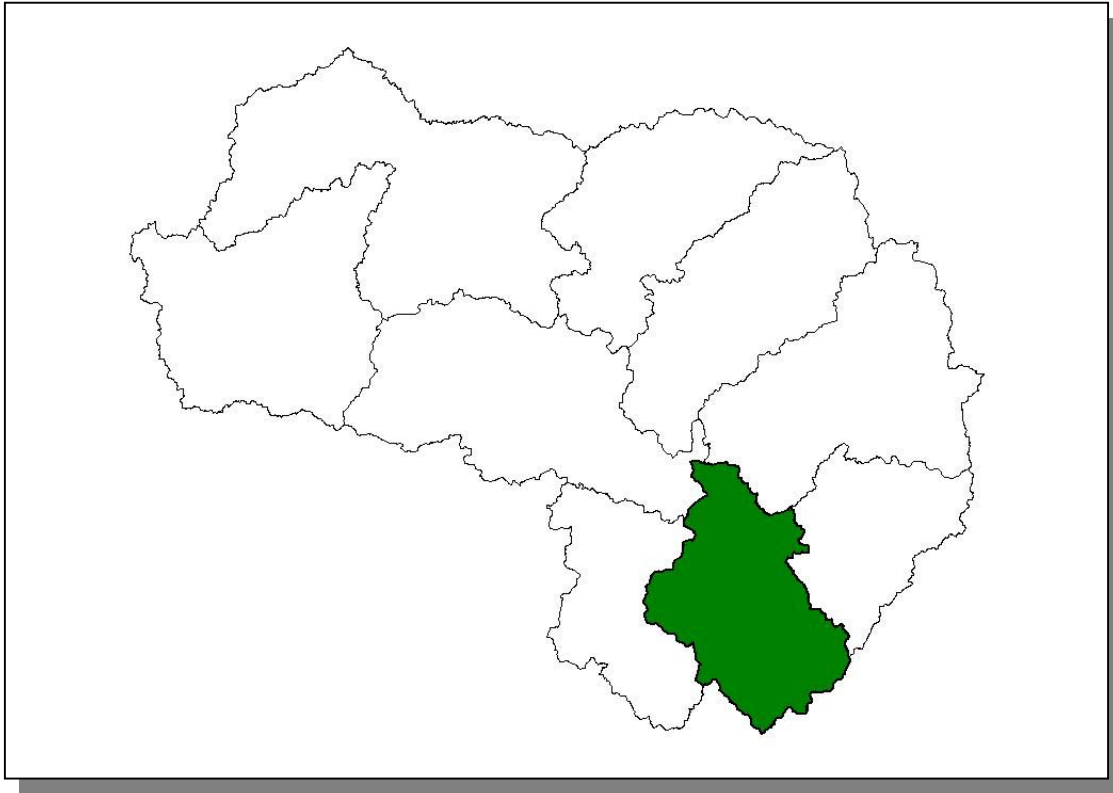
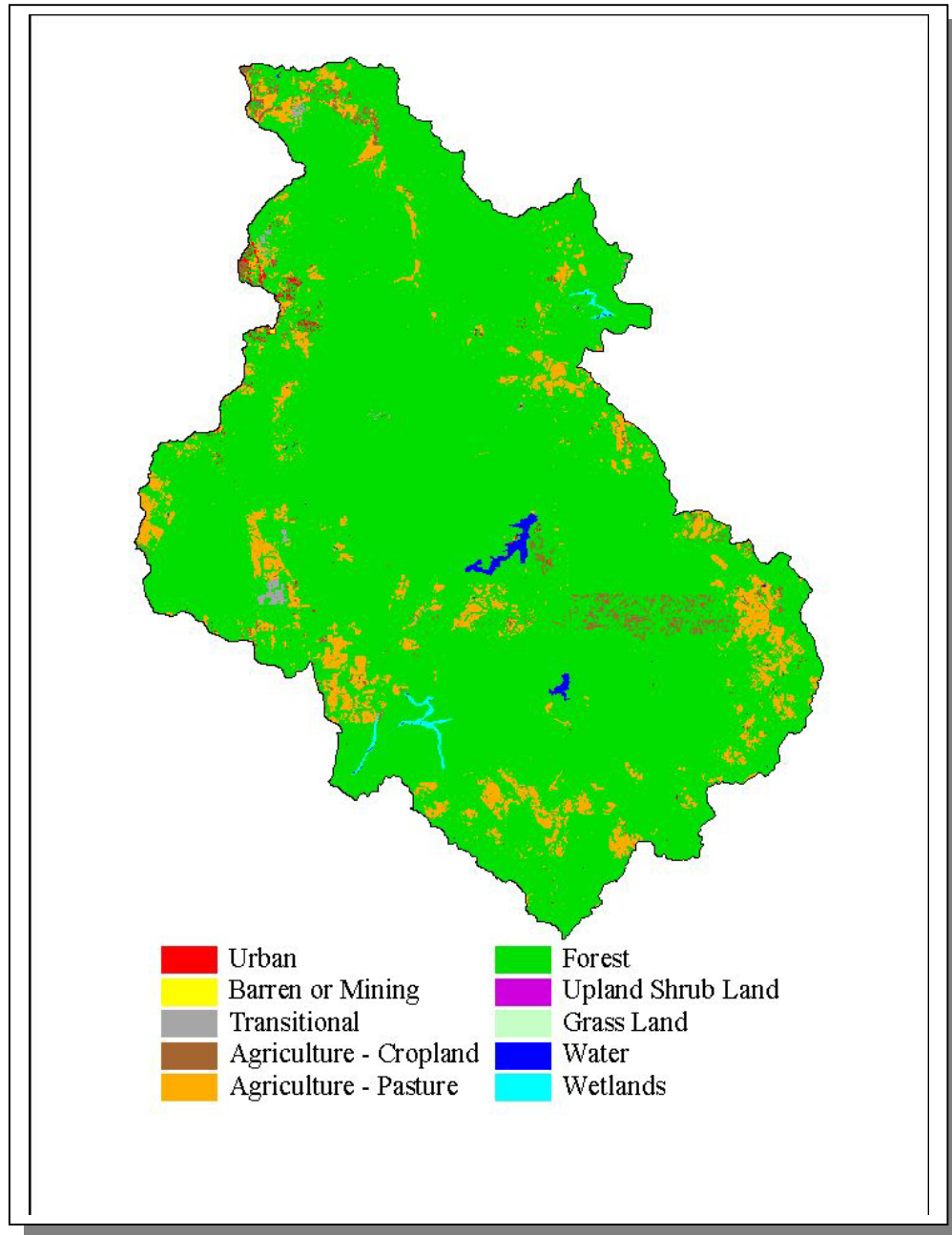


**4.2.C. 0513010803.**

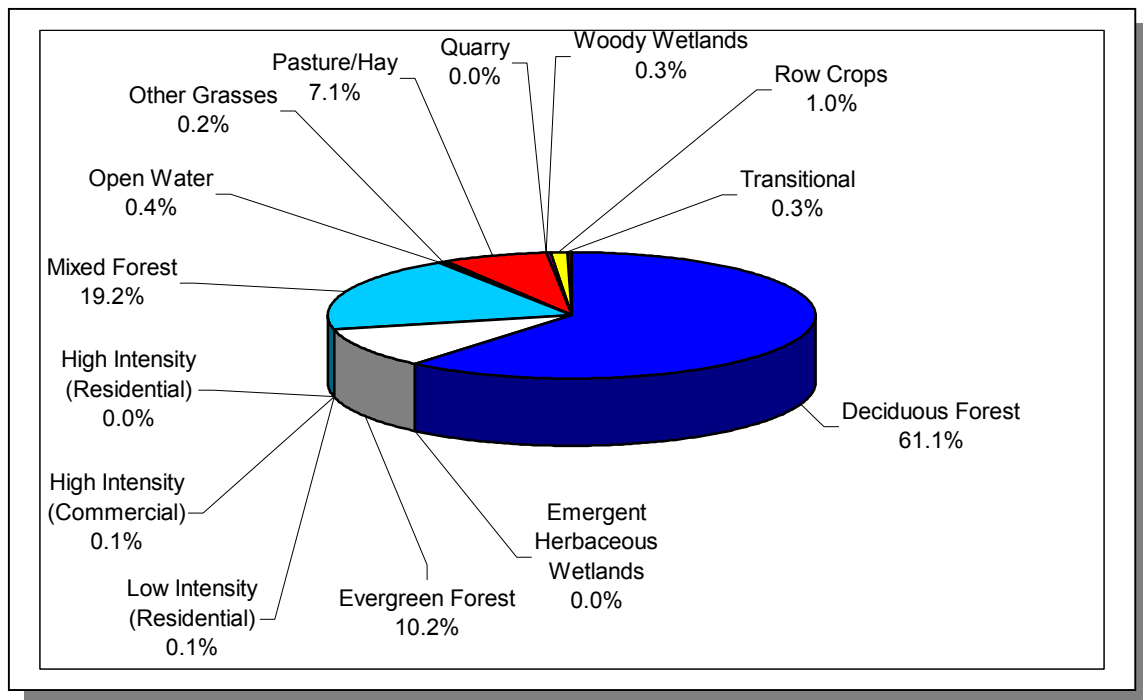


**Figure 4-20. Location of Subwatershed 0513010803.** All Caney Fork HUC-10 subwatershed boundaries are shown for reference.

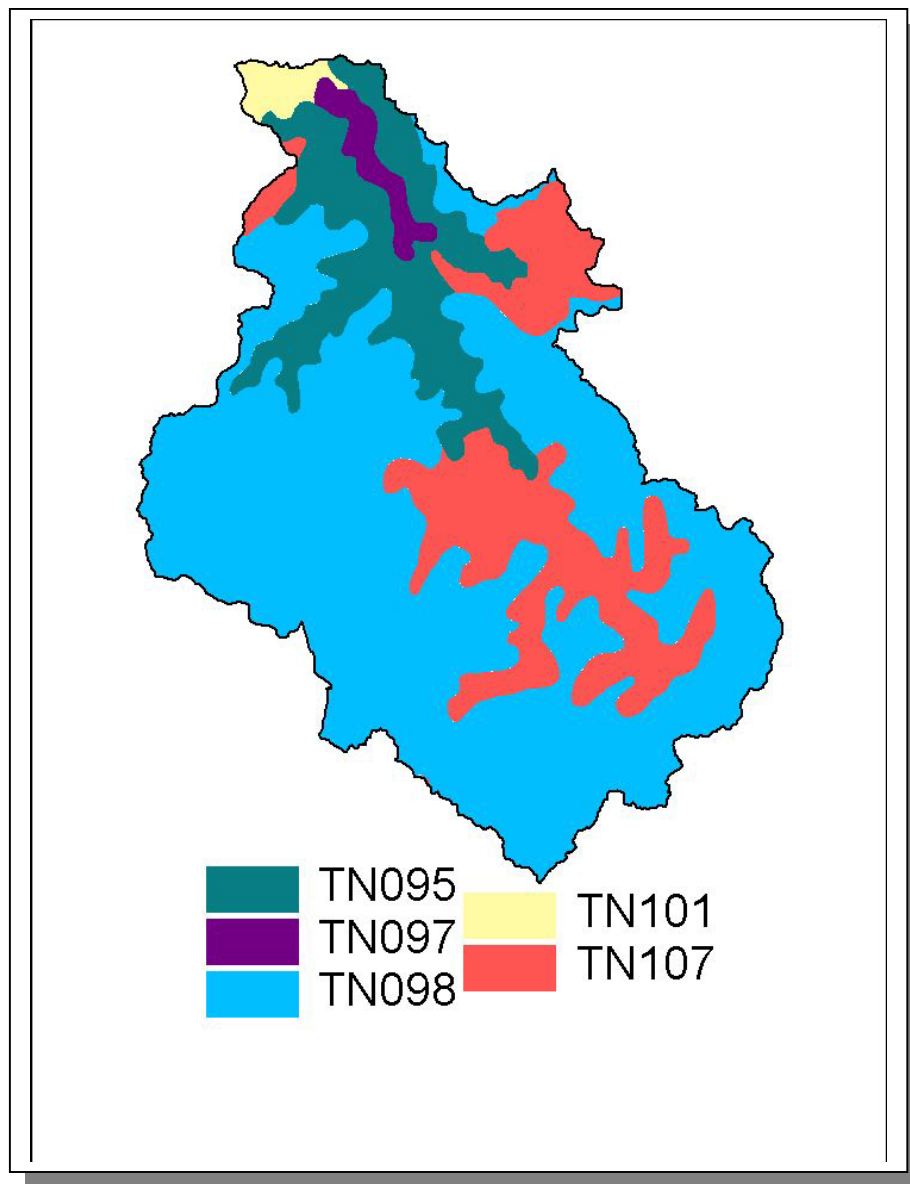
**4.2.C.i.** General Description.



**Figure 4-21. Illustration of Land Use Distribution in Subwatershed 0513010803.**



**Figure 4-22. Land Use Distribution in Subwatershed 0513010803.** More information is provided in Caney Fork-Appendix IV.



**Figure 4-23. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0513010803.**

| STATSGO<br>MAP UNIT ID | PERCENT<br>HYDRIC | HYDROLOGIC<br>GROUP | PERMEABILITY<br>(in/hour) | SOIL<br>pH | ESTIMATED SOIL<br>TEXTURE | SOIL<br>ERODIBILITY |
|------------------------|-------------------|---------------------|---------------------------|------------|---------------------------|---------------------|
| TN095                  | 0.00              | B                   | 2.35                      | 5.12       | Loam                      | 0.31                |
| TN097                  | 0.00              | B                   | 1.62                      | 5.55       | Loam                      | 0.32                |
| TN098                  | 1.00              | C                   | 3.98                      | 4.82       | Loam                      | 0.32                |
| TN101                  | 0.00              | B                   | 1.71                      | 5.39       | Loam                      | 0.35                |
| TN107                  | 1.00              | C                   | 6.34                      | 4.84       | Loam                      | 0.28                |

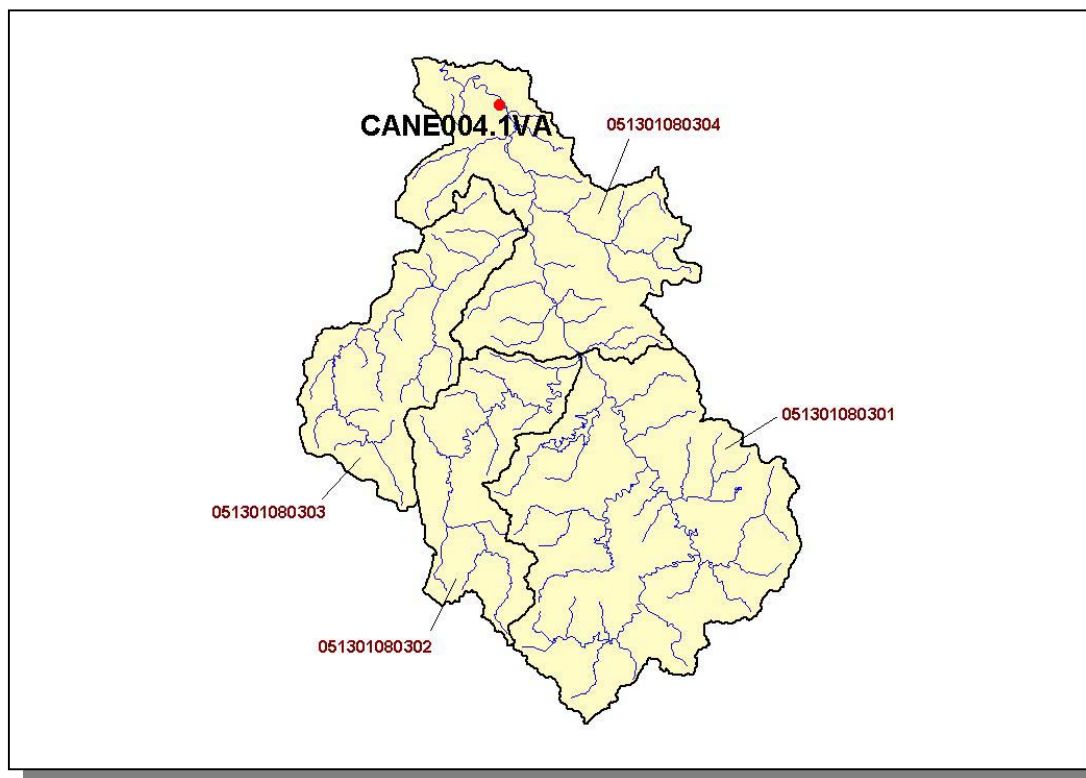
**Table 4-13. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0513010803.** More information is provided in Caney Fork-Appendix IV.

| County       | COUNTY POPULATION |               | Portion of Watershed (%) | ESTIMATED POPULATION IN WATERSHED |              | % CHANGE   |
|--------------|-------------------|---------------|--------------------------|-----------------------------------|--------------|------------|
|              | 1990              | 1997 Est.     |                          | 1990                              | 1997         |            |
| Bledsoe      | 9,669             | 10,650        | 13.26                    | 1,283                             | 1,413        | 10.1       |
| Van Buren    | 4,836             | 5,060         | 43.66                    | 2,116                             | 2,209        | 4.4        |
| <b>Total</b> | <b>14,505</b>     | <b>15,710</b> |                          | <b>3,399</b>                      | <b>3,622</b> | <b>6.6</b> |

*Table 4-14. Population Estimates in Subwatershed 0513010803.*

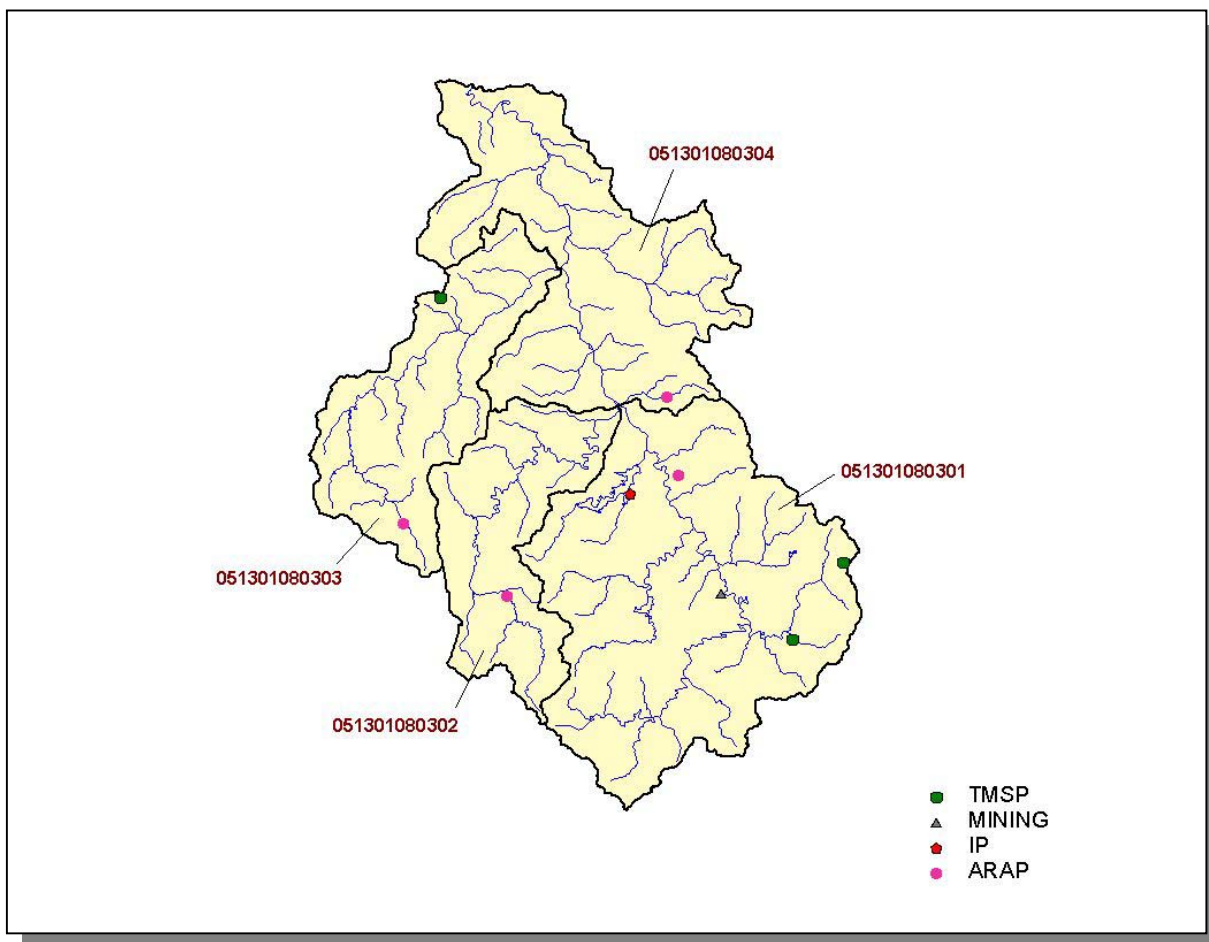
| Populated Place | County    | Population | NUMBER OF HOUSING UNITS |              |             |       |
|-----------------|-----------|------------|-------------------------|--------------|-------------|-------|
|                 |           |            | Total                   | Public Sewer | Septic Tank | Other |
| Spencer         | Van Buren | 1,125      | 466                     | 23           | 436         | 7     |

*Table 4-15. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0613010803.*

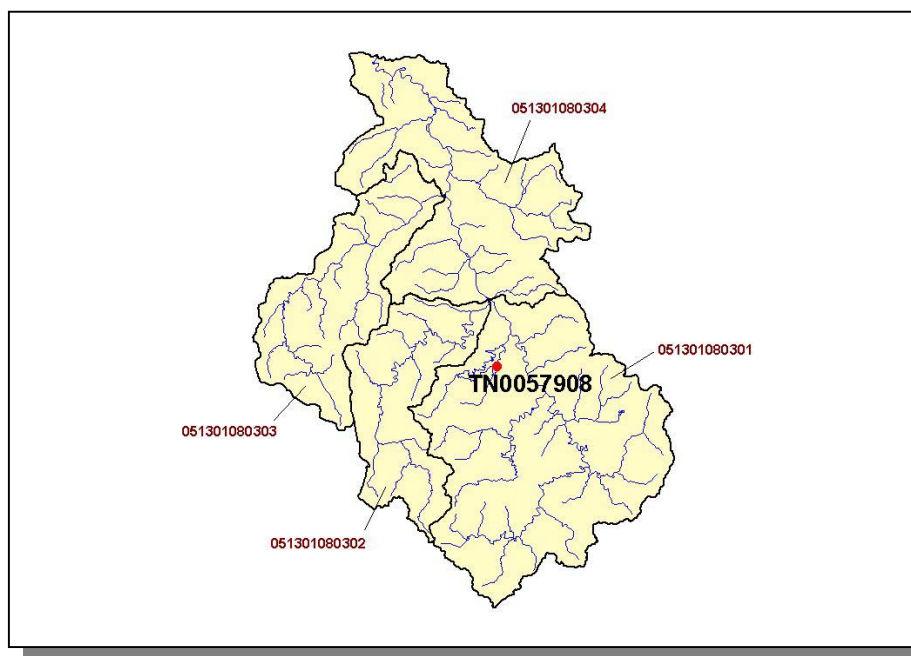


*Figure 4-24. Location of Storet Monitoring Sites in Subwatershed 0513010803. Subwatershed 051301080301, 051301080302, 051301080303, and 051301080304 boundaries are shown for reference. More information is provided in Caney Fork-Appendix IV.*

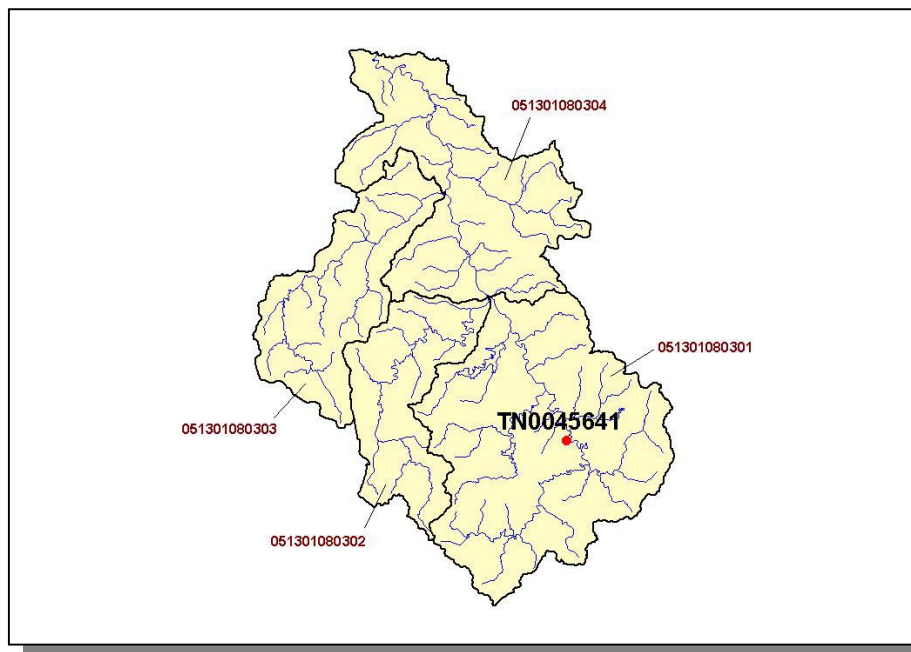
**4.2.C.ii.** Point Source Contributions.



**Figure 4-25. Location of Active Point Source Facilities in Subwatershed 0513010803.** Subwatershed 051301080301, 051301080302, 051301080303, and 051301080304 boundaries are shown for reference. More information is provided in the following figures.

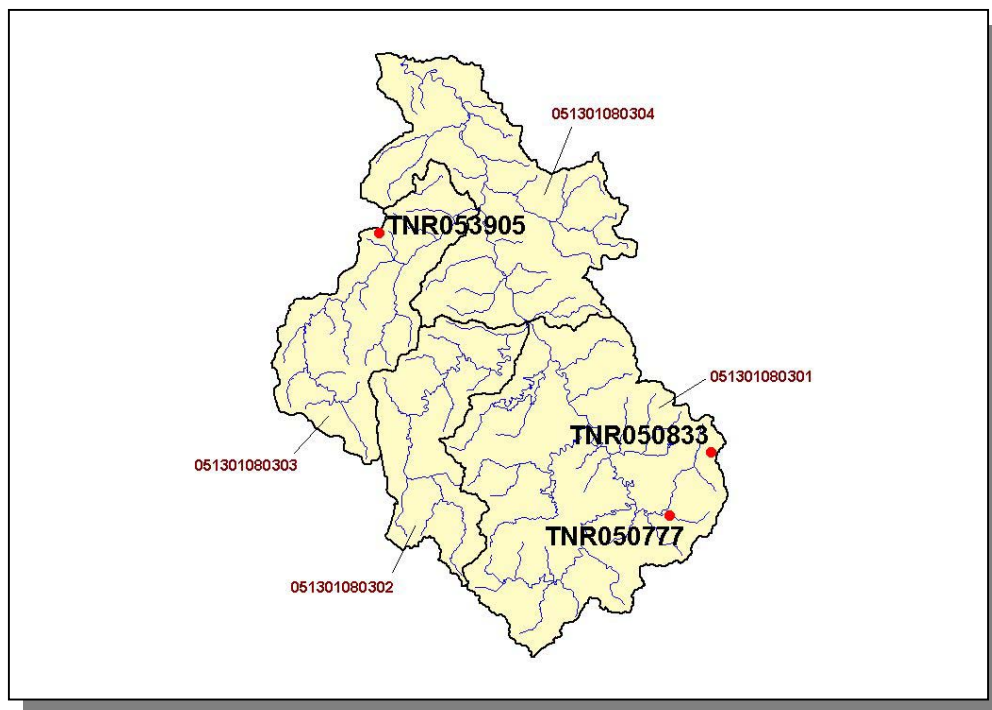


**Figure 4-26. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0513010803.** Subwatershed 051301080301, 051301080302, 051301080303, and 051301080304 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.



**Figure 4-27. Location of Active Mining Sites in Subwatershed 0513010803.** Subwatershed 051301080301, 051301080302, 051301080303, and 051301080304 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.





**Figure 4-28. Location of TMSP Facilities in Subwatershed 0513010803.** Subwatershed 051301080301, 051301080302, 051301080303, and 051301080304 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.



**Figure 4-29. Location of ARAP Sites (Individual Permits) in Subwatershed 0513010803.** Subwatershed 051301080301, 051301080302, 051301080303, and 051301080304 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.



**4.2.C.iii.** Nonpoint Source Contributions.

| <b>LIVESTOCK (COUNTS)</b> |        |          |          |               |      |       |
|---------------------------|--------|----------|----------|---------------|------|-------|
| Beef Cow                  | Cattle | Milk Cow | Chickens | Chickens Sold | Hogs | Sheep |
| 2,291                     | 4,918  | 270      | <5       | 0             | 21   | 12    |

**Table 4-16. Summary of Livestock Count Estimates in Subwatershed 0513010803.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

| County        | <b>INVENTORY</b>                |                                 | <b>REMOVAL RATE</b>                   |                                   |
|---------------|---------------------------------|---------------------------------|---------------------------------------|-----------------------------------|
|               | Forest Land<br>(thousand acres) | Timber Land<br>(thousand acres) | Growing Stock<br>(million cubic feet) | Sawtimber<br>(million board feet) |
| Bledsoe       | 186.2                           | 186.2                           | 0.9                                   | 2.3                               |
| Van Buren     | 145.0                           | 135.4                           | 2.3                                   | 9.5                               |
| White         | 129.4                           | 129.4                           | 4.9                                   | 23.3                              |
| <b>Totals</b> | <b>460.6</b>                    | <b>451.0</b>                    | <b>8.1</b>                            | <b>35.1</b>                       |

**Table 4-17. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0513010803.**

| <b>CROPS</b>                          | <b>TONS/ACRE/YEAR</b> |
|---------------------------------------|-----------------------|
| Nonagricultural Land Use              | 0.00                  |
| Legume (Hayland)                      | 0.51                  |
| Grass (Hayland)                       | 0.18                  |
| Legume/Grass (Hayland)                | 1.16                  |
| Grass (Pastureland)                   | 1.00                  |
| Grass, Forbs, Legumes (Mixed Pasture) | 0.57                  |
| Forest Land (Grazed)                  | 0.00                  |
| Forest Land (Not Grazed)              | 0.00                  |
| Farmsteads and Ranch Headquarters     | 0.99                  |
| Soybeans (Row Crops)                  | 4.85                  |
| Corn (Row Crops)                      | 11.22                 |
| All Other Row Crops                   | 4.45                  |
| Tobacco (Row Crops)                   | 6.11                  |
| Wheat (Close Grown Cropland)          | 2.81                  |
| All Other Close Grown Cropland        | 0.67                  |
| Conservation Reserve Program Land     | 1.00                  |
| Fruit (Horticulture)                  | 0.08                  |
| Other (Horticulture)                  | 3.72                  |
| Other Land in Farms                   | 0.25                  |
| Other Cropland not Planted            | 2.26                  |

**Table 4-18. Annual Estimated Total Soil Loss in Subwatershed 0513010803.**